

### REMARKS/ARGUMENTS

Claims 1-29 are pending in the application.

Claims 1-5, 11, 16, and 23 are rejected.

Claims 6-10, 12-15, 17-22, and 24-29 are objected to.

In the above referenced Office Action (mailed 02/25/2004, Paper No. 4), the Examiner has rejected 1-5 under 35 U.S.C. § 101 as claiming the same invention as that of claims 1-5 of prior U.S. Patent No. 6,624,699 B2 as being a double patenting rejection.

In addition, the Examiner has objected to FIG. 1 and FIG. 2 of the drawings.

The Examiner has objected to claims 6-10 because of informalities.

The Examiner has rejected claims 11, 16, and 23 under 35 U.S.C. § 103 (a) as being unpatentable over Ryan et al. (U.S. Patent No. 6,414,558 B1) (hereinafter referred to as "Ryan") in view of Moloudi et al. (U.S. Patent No. 6,417,737 B1) (hereinafter referred to as "Moloudi").

The Examiner has also rejected claims 11, 16, and 23 under 35 U.S.C. § 103 (a) as being unpatentable over Ryan in view of Belot (U.S. Patent No. 6,366,166 B1) (hereinafter referred to as "Belot").

The Examiner has also objected to claims 12-15, 17-22, and 24-29 as being dependent upon a rejected base claim, but the Examiner indicated that these claims would be allowable if rewritten in independent form including all limitations of the base claim and any intervening claims.

#### ***Claim Rejections - 35 U.S.C. § 101***

In the above referenced Office Action (mailed 02/25/2004, Paper No. 4), the Examiner rejected 1-5 under 35 U.S.C. § 101 as claiming the same invention as that of claims 1-5 of prior U.S. Patent No. 6,624,699 B2 as being a double patenting rejection.

The Applicant has canceled claims 1-29 without prejudice and is submitting new claims 30-58 for consideration by the Examiner.

#### ***Objections to the Drawings***

In addition, the Examiner has objected to FIG. 1 and FIG. 2 of the drawings. The Examiner states that the "drawings are objected to because Figs 1 and 2 do not have the connections of a first shunt peaking inductor, a second shunt peaking inductor, a first

output resistor, and a second output resistor as claimed in claim 6.” (see Office Action, Paper No. 4, p. 2).

As mentioned above, the Applicant has canceled claims 1-29 without prejudice and is submitting new claims 30-58 for consideration by the Examiner. In light of the cancellation of claim 6, the Applicant requests that the Examiner withdraw his objections to the drawings on the basis indicated above.

***Claim Objections - Informalities***

The Examiner objected to claims 6-10 because of informalities. The Examiner states that the “In claim 6, page 20, lines 13-24, a first shunt peaking inductor, a second shunt peaking inductor, a first output resistor, and a second output resistor do not connect as shown in FIG. 1.” (see Office Action, Paper No. 4, p. 3).

The Applicant has canceled claims 1-29 without prejudice and is submitting new claims 30-58 for consideration by the Examiner.

***Claim Rejections - 35 U.S.C. § 103 (a)***

The Examiner has rejected claims 11, 16, and 23 under 35 U.S.C. § 103 (a) as being unpatentable over Ryan in view of Moloudi.

The Examiner has also rejected claims 11, 16, and 23 under 35 U.S.C. § 103 (a) as being unpatentable over Ryan in view of Belot.

The Applicant has canceled claims 1-29 without prejudice and is submitting new claims 30-58 for consideration by the Examiner.

***Allowable Subject Matter:***

***Claims Objections - Based Upon Rejected Base Claim***

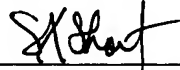
The Examiner has objected to claims 12-15, 17-22, and 24-29 as being dependent upon a rejected base claim, but the Examiner indicated that these claims would be allowable if rewritten in independent form including all limitations of the base claim and any intervening claims.

Again, the Applicant has canceled claims 1-29 without prejudice and is submitting new claims 30-58 for consideration by the Examiner.

The Applicant respectfully believes that claims 30-58 are in condition for allowance and respectfully requests that they be passed to allowance.

The Examiner is invited to contact the undersigned by telephone or facsimile if the Examiner believes that such a communication would advance the prosecution of the present patent application.

RESPECTFULLY SUBMITTED,

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